



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Koyama, Tetsu; Peng, Jason; Cohen, Paul E.
Assignee: NEC Electronics, Inc.
Title: Four Dimensional Equalizer And Far-End Cross Talk Canceler In Gigabit Ethernet Signals
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San Jose, California
January 10, 2001

COMMISSIONER FOR PATENTS
Washington, D. C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Please make the following amendments to the above-referenced application:

In The Specification

On page 4, line 6, change "canceller" to --canceler--.

On page 10, line 2, change "derivatives" to --derivative--.

In The Claims

Please replace claims 1-7 with the following claims.

- 1. An apparatus for canceling far end cross talk and intersymbol interference in a communication network, the apparatus comprising:
- an input node configured to receive an input signal vector; and
- a multi-dimensional equalizer coupled to the input node, wherein the multi-dimensional equalizer is configured to process the input signal vector to provide an output signal vector.

01/16/2001 00000065 192386 09672644

01 FC:103 576.00 CR
02 FC:102 400.00 CR

03/30/2001 NHASSANI 00000008 192386 09672644